

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 10, 19, 23, 32, and 41, and cancel claims 2, 11, 24, 33. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

What is claimed is:

1. (Currently Amended) A mobile robot system, comprising:
a first mobile robot with a camera and a monitor that move together in at least one degree of freedom; and,
a second mobile robot that has an input device controlled by a user to control movement of said first mobile robot across a floor surface, said second mobile robot having a camera and a monitor that move together in at least one degree of freedom.
2. (Canceled)
3. (Previously Presented) The system of claim 2, wherein said first and second mobile robots each include a speaker and a microphone.
4. (Original) The system of claim 1, wherein said input device includes a joystick.
5. (Original) The system of claim 1, wherein said input device includes a speech interface.

6. (Previously Presented) The system of claim 1, wherein said first and second mobile robots each include a platform that provides three degrees of freedom.

7. (Previously Presented) The system of claim 1, further comprising a remote station that has an input device to control said first mobile robot.

8. (Previously Presented) The system of claim 1, further comprising a wireless base station coupled to said first mobile robot.

9. (Previously Presented) The system of claim 7, wherein said first mobile robot includes an arbitrator.

10. (Currently Amended) A mobile robot system, comprising:
a first mobile robot with a camera and a monitor that move together in at least one degree of freedom; and,

a second mobile robot with input means for controlling movement of said first mobile robot across a floor surface that is controlled by a user, said second mobile robot having a camera and a monitor that move together in at least one degree of freedom.

11. (Canceled)

12. (Previously Presented) The system of claim 11, wherein said first and second mobile robots each include a speaker and a microphone.

13. (Previously Presented) The system of claim 10, wherein said input means includes a joystick.

14. (Previously Presented) The system of claim 10, wherein said input means includes is a speech interface.

15. (Previously Presented) The system of claim 10, wherein said first and second mobile robots each include a platform that provides three degrees of freedom.

16. (Previously Presented) The system of claim 10, further comprising a remote station that has input means for controlling said first mobile robot.

17. (Previously Presented) The system of claim 10, further comprising a wireless base station coupled to said first mobile robot.

18. (Previously Presented) The system of claim 16, wherein said first mobile robot includes an arbitrator.

19. (Currently Amended) A method for operating a mobile robot, comprising:
entering a command to move a first mobile robot through an input of a second mobile robot that is controlled by a user; ~~and,~~
moving the first mobile robot across a floor surface;
moving together a camera and a monitor of the first mobile robot; and,

moving together a camera and a monitor of the second mobile robot.

20. (Previously Presented) The method of claim 19, further comprising conducting a teleconference between the first and second mobile robots.

21. (Previously Presented) The method of claim 19, wherein entering the command is moving a joystick of the second mobile robot.

22. (Previously Presented) The method of claim 19, further comprising entering a command to move the first mobile robot from a remote station.

23. (Currently Amended) A mobile robot system, comprising:
a broadband network;
a first mobile robot with a camera and a monitor that move together in at least one degree of freedom coupled to said broadband network; and,
a second mobile robot that is coupled to said broadband network and has an input device controlled by a user to control movement of said first mobile robot across a floor surface, said second mobile robot having a camera and a monitor that move together in at least one degree of freedom.

24. (Canceled)

25. (Previously Presented) The system of claim 24, wherein said first and second mobile robots each include a speaker and a microphone.

26. (Previously Presented) The system of claim 23, wherein said input device includes a joystick.

27. (Previously Presented) The system of claim 23, wherein said input device includes a speech interface.

28. (Previously Presented) The system of claim 23, wherein said first and second mobile robots each include a platform that provides three degrees of freedom.

29. (Previously Presented) The system of claim 23, further comprising a remote station that is coupled to said broadband network and has an input device to control said first mobile robot.

30. (Previously Presented) The system of claim 23, further comprising a wireless base station coupled to said first mobile robot and said broadband network.

31. (Previously Presented) The system of claim 29, wherein said first mobile robot includes an arbitrator.

32. (Currently Amended) A mobile robot system, comprising:
a broadband network;
a first mobile robot with a camera and a monitor that move together in at least one degree of freedom coupled to said broadband network; and,

a second mobile robot that is coupled to said broadband network and has input means for controlling movement of said first mobile robot across a floor surface that is controlled by a user, said second mobile robot having a camera and a monitor that move together in at least one degree of freedom.

33. (Canceled)

34. (Previously Presented) The system of claim 33, wherein said first and second mobile robots each include a speaker and a microphone.

35. (Previously Presented) The system of claim 32, wherein said input means includes a joystick.

36. (Previously Presented) The system of claim 32, wherein said input means includes is a speech interface.

37. (Previously Presented) The system of claim 32, wherein said first and second mobile robots each include a platform that provides three degrees of freedom.

38. (Previously Presented) The system of claim 32, further comprising a remote station that is coupled to said broadband network and has input means for controlling said first mobile robot.

39. (Previously Presented) The system of claim 32, further comprising a wireless base station coupled to said first mobile robot and said broadband network.

40. (Previously Presented) The system of claim 38, wherein said first mobile robot includes an arbitrator.

41. (Currently Amended) A method for operating a mobile robot, comprising:
entering a command to move a first mobile robot through an input of a second mobile robot that is controlled by a user;

transmitting the command through a broadband network; ~~and,~~

moving the first mobile robot across a floor surface;

moving together a camera and a monitor of the first mobile robot; and,

moving together a camera and a monitor of the second mobile robot.

42. (Previously Presented) The method of claim 41, further comprising conducting a teleconference between the first and second mobile robots through the broadband network.

43. (Previously Presented) The method of claim 41, wherein entering the command is moving a joystick of the second mobile robot.

44. (Previously Presented) The method of claim 41, further comprising entering a command to move the first mobile robot from a remote station, the command being transmitted through the broadband network.